



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Meyer et al.

Docket No.: HSS-0001

Serial No.: 10/027,657

Group Art Unit: 2661

Filed: 12/19/2001

Examiner:

TITLE: Method for Interference Suppression for TDMA- and/or  
FDMA Transmission

Commissioner for Patents  
Washington, D.C. 20231

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7-17-01  
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JUL 09 2002

Technology Center 2600

PRELIMINARY AMENDMENT

Sir:

Prior to initial examination on the merits, please  
amend the above-identified application as follows:

In The Claims

Claims 1, 2, 8, and 10 have been amended as follows:

AI  
1. (Amended) Method for interference suppression for  
TDMA and/or FDMA transmission, which at least  
approximately can be described as pulse amplitude  
modulation, with an arbitrary number of receive  
antennas, which comprises the following step:

- a) filtering of at least one complex-valued received  
signal  $r_i(k)$  of one receive antenna with a filter  
with complex-valued coefficients  $f_i(k)$  for  
generation of at least one output signal  $y_i(k)$ ;
- b) forming at least one projection of at least one